
THE NEW PRODUCT RANGE

In addition to CL M.1K there is a whole series of ILFOCHROME CLASSIC materials for all kinds of applications:

Code	Surface	Support	Contrast	Application
CPS. 1 K	super glossy	white opaque polyester	high	professional enlargements
CL M. 1 K (SP 761s)	super glossy	white opaque polyester	medium	professional enlargements and photofinishing
CF. 1 K	super glossy	white opaque polyester	low	photofinishing and professional enlargements
CP M. 1 M (SP 804s)	glossy	resin coated paper	medium	professional enlargements, copies and photofinishing
CP M. 4 4 M (SP 805s)	pearl	resin coated paper	medium	professional enlargements, copies and photofinishing
CP H. 1 M (SP 756s)	glossy	resin coated paper	high	copies of printed matter, enlargements from graphic slides and low contrast transparencies
CC. F 7 (SP 759s)	clear film	polyester film 0.18 mm	medium	transparencies for light boxes with built-in diffusion glass, from slides or printed matter (S.M.A.R.T. Technology)
COH. F 7 (SP 760s)	clear film	polyester film 0.18 mm	medium	overhead transparencies from computer slides or printed matter (S.M.A.R.T. Technology)
CT. F 7 (SP 806s)	translucent film	polyester film 0.18 mm	medium	transparencies for light boxes without diffusion glass, from slides or printed matter (S.M.A.R.T. Technology)

ILFOCHROME CLASSIC P 3X... ...THE ULTIMATE DIRECT POSITIVE SYSTEM

- The only total direct positive professional system
- The world leader in image quality
- A full range of products for every application
- Unrivalled visual impact and image permanence
- Breakthrough with the "S.M.A.R.T." emulsion technology
- Economical, highly stable and environmentally sound process

NOTE

The characteristic curves and data given in this leaflet represent average results measured in our labs under specific conditions. Other conditions may lead to different results.

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ILFORD reserves the right to modify product characteristics at any time.

ILFOCHROME® is a trade mark property of ILFORD Ltd.
Durst "Sanat", Viptronic "Vipdula 810" and Osram "Duka 10" are registered trade marks.

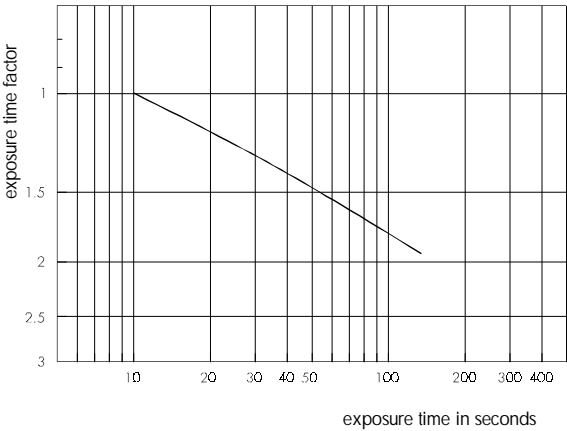
EXPOSURE

In the usual printers and enlargers with halogen light sources. The material is adjusted to approximately 3200 K.

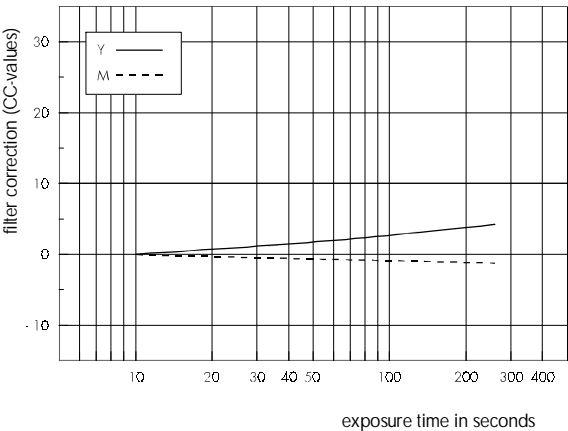
SENSITOMETRIC DATA (CL M. 1 K PROCESSED IN P 3X)

Copy range	2.00 log E
Density range	2.10 D _{vis} (= "visual density")
Contrast (mid-tone)	1.20
Exposure speed	40 Luxsec
Resolution	63 Lp/mm

EXPOSURE TIME CORRECTION



CC - FILTER VALUE CORRECTION



LATENT IMAGE STABILITY

CL M. 1K has an excellent latent image stability, as good as that of all other ILFOCHROME CLASSIC materials. Even when exposing material before the weekend and keeping it at ambient temperature for more than three days, there is only a very slight change in filtration.

PROCESSING

CL M. 1K should be processed in standard ILFORD P 3X, P 3, P 30P or P 23 processes. Soft water should be used in the first wash cascade when processing in P 3X or P 3.

STANDARD REPLENISHMENT RATES

	Process P 3X		Process P 3	
Developer Replenisher	DER 3X	300 ml/m ²	DER 3	700 ml/m ²
Bleach Replenisher	BLR 3X	200 ml/m ²	BLR 3	300 ml/m ²
Fixer Replenisher	FXR 3X	300 ml/m ²	FXR 3	600 ml/m ²

EVALUATION OF THE PRINTS

The density and colour of the prints should be evaluated on dry prints under a light source of about 5000 K.

FEATURES

ILFORD CL M.1K is a masked colour direct positive medium contrast material on a super glossy polyester base, designed for colour enlargements of slides. It is available in sheets and rolls in the usual sizes. The high stability of the azo dyes used in this material leads to an excellent light and dark stability of the material.

CL M.1K is based on the renowned ILFORD silver-dye-bleach technology: the image dyes are directly incorporated in the layers (no couplers) and are bleached imagewise during processing.

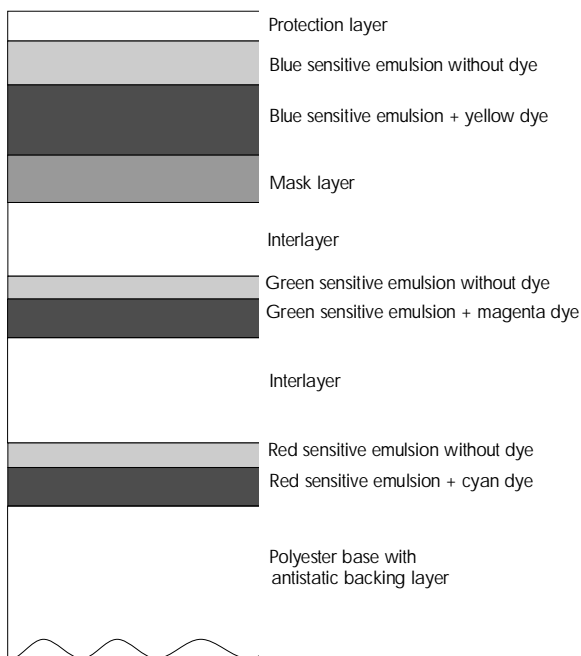
CL M.1K shows important improvements in comparison to CPS.1K which it will replace, in particular:

- slightly lower contrast without loss of colour saturation, giving better printing convenience
- mechanically robust
- antistatic backing layer

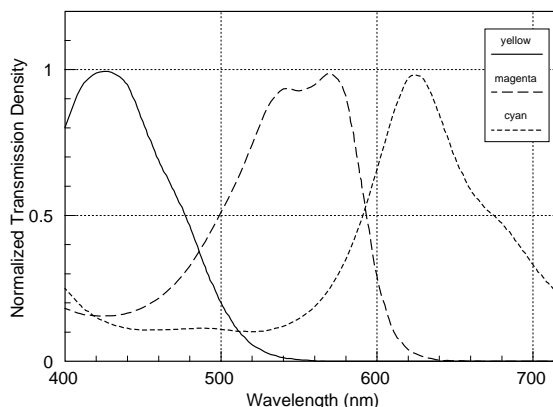
STORAGE OF UNEXPOSED MATERIAL

Up to one month: in a cool and dry room, separately from chemicals. For longer periods in a refrigerator below 10°C or a freezer at -18°C.

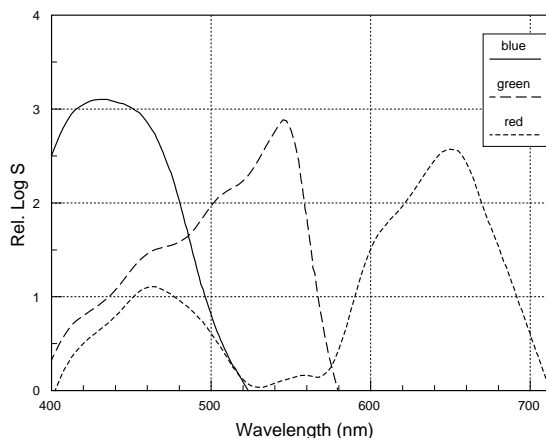
LAYER STRUCTURE



SPECTRAL DENSITY OF THE IMAGE DYES



SPECTRAL SENSITIVITY



DARK ROOM ILLUMINATION

ILFOCHROME CLASSIC materials should be handled in total darkness. The darkroom should be completely light tight. Reflections from the enlarger's head, timer and diodes should be eliminated. The use of a safelight can influence the results. In case of absolute need, indirect illumination by a safelight such as Durst "Sanat", Viptronic "Vipdula 810" or Osram "Duka 10" (position 2) can be used for a short time at a minimum distance of 1 metre. Tests should be made to determine the lighting adequacy.

ILFOCHROME[®] CLASSIC CLM.1K

DE LUXE PRINT MATERIAL

WHITE POLYESTER
MEDIUM CONTRAST
SUPER GLOSSY

FOR PROCESSING IN ILFOCHROME CLASSIC
P 3X, P 3, P 30P & P 23 PROCESSES
